



Attorney's Docket No.: 11283-015001 / PH-1269US
AF/1631

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Art Unit : 1631
Serial No. : 10/003,446 Examiner : Ardin Marschel, Ph.D.
Filed : October 26, 2001
Title : GENOMIC DNA ANALYSIS PROGRAM

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Copies of the references listed on the attached form PTO-1449, except U.S. Patent No. 5,858,683, are enclosed. A copy of a communication from a foreign patent office in a counterpart application is also enclosed.

This statement is being filed after a first Office action on the merits, but before receipt of a final Office action or a Notice of Allowance. A check for \$180 in payment of the late submission fee of C.F.R. § 1.17(p) is enclosed. Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 12/29/04

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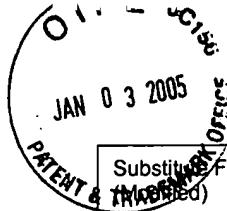
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December 29, 2004

Date of Deposit: Maryann White
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Sheet 1 of 1

Substitute Form PTO-1449 (Amended)		U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 11283-015001	Application No. 10/003,446
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Shigeo Yoshida et al.			
		Filing Date October 26, 2001	Group Art Unit 1631		

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5,858,683 A	01/12/1999	Obar, Robert et al.			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation
							Yes No
	AL						
	AM						
	AN						
	AO						
	AP						

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AQ	Kim et al., "The 2D Gel Electrophoresis Simulator: SimGel", Recomb pp. 70-71, (2000)
	AR	Southern, "Measurement of DNA Length by Gel Electrophoresis", Analytical Biochem., 100(2):319-323 (1979)
	AS	Takahashi et al., "Automated processing of 2-D gel electrophoretograms of genomic DNA for hunting pathogenic DNA molecular changes", Genome Informatics, 10:121-132 (1999)
	AT	Watanabe et al., "Automated detection and matching of spots in autoradiogram images of two-dimensional electrophoresis for high-speed genome scanning", Image Processing, Proceedings Intl. Conf. on Santa Barbara, CA, USA Oct. 1997, USA, IEEE Comput. Soc. pp. 496-499

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	